

# **JANUS Engineering**

## **User Manual**



**Grosvenor Technology**  
The Science of Security

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## Using this manual

The manual has been laid out into 4 main sections:

- General Introduction
- System requirements
- Using the online help
- Using JANUS Engineering



This symbol represents information important to the operation of the JANUS Engineering application.



This symbol represents a warning of potential conflict or data loss when using the application.



This symbol represents a tip for easier use of a feature of JANUS Engineering.



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# **JANUS Engineering User Manual**

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# Introduction

The JANUS Engineering program allows engineering reports to be logged to a JANUS for Windows system from where they can be updated, archived and reported on. Examples of the type of information logged could include:

- Installation of new hardware
- Firmware updates
- Equipment faults

## System Operation

- When a report is added using JANUS Engineering it is automatically sent to JANUS Comms.
- By default, JANUS Comms sends the report to the reporting destination ENGINEERING, although other destinations may be specified using the JANUS Database Update program.
- JANUS Comms also broadcasts the report using the necessary sockets.
- JANUS Engineering uses the broadcast message to update its own display.

## Main features

- Connects to JANUS Comms via Windows Sockets to give greater reliability.
- Uses JANUS security features.
- Logs operator actions.
- Only an Installer-level JANUS User can use the JANUS Engineering application.
- JANUS Engineering can run on any JANUS Main, or Slave computer.
- Engineering reports may be created by any JANUS User using JANUS Reporting.

# **System Requirements**

JANUS Engineering should be installed on computers running Windows 98, Windows 2000, Windows NT4 or Windows XP (The use of Service Pack 6a or higher is recommended on NT4 and Service Pack 1 for 2000). If you have an older operating system such as Windows for Workgroups 3.11, Windows 95 or Windows NT 3.51, contact support@grosvenortechology.com.

Grosvenor recommends a minimum specification of:

- 350MHz Pentium II processor
- PCI bus
- Printer & serial ports
- 64 Mb RAM for Windows 98, 128 Mb RAM for Windows NT, Windows XP and Windows 2000
- CD ROM drive
- SVGA colour screen
- Hard disk capacity is dependent on system size

All JANUS computers require a network card, or software equivalent to be installed to allow the correct configuration of TCP/IP. For Windows 98 use a network card or the software Dial-up adapter. For Windows 2000, Windows NT and Windows XP use a network card or the software MS Loopback adapter. Consult Windows Help for details.

## **Licensing**

A licence code must be obtained from Grosvenor Technology before JANUS Engineering can be used.

# Getting Help

The online help for JANUS Engineering is a compiled Microsoft HTML Help system. It provides information about using the program features as well as step-by-step help to guide you through the program's basic functionality.

This help system is designed to open in the HTML Help viewer — Microsoft's help window for viewing compiled HTML Help. If you do not have the HTML Help viewer components installed on your system, you can view it with Microsoft's Internet Explorer browser (use version 4.x or later for complete functionality).

## Documentation feedback

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This email address is for feedback about documentation only. If you have technical questions, please send email to support@grosvenortechology.com.

To get JANUS Engineering system information select **Help • About JANUS Engineering**.... A dialog opens identifying the version of the program installed on your system.

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## Context Sensitive Help

As you work with JANUS Engineering, you can obtain information about windows or dialogs by using the context-sensitive help available in the application. You can access this help in several ways, including:

**Dialogs:** Dialogs display Help buttons. Click the button and a topic opens that explains how to use the fields and controls at the dialog.

**Windows:** From any window, press F1 to get more information about using it.

**What's This? Help:** Some basic dialogs are common dialogs provided by the Windows operating system (for example Open and Save As). You will see a question mark in the upper-right corner of these dialogs to indicate that they provide What's This? Help (specific help for using each field or control at the dialog). Click the question mark and then click the field or control for which you want information. A popup window opens and displays brief information about how to use the field or control.

## Using the Help Viewer

**Help viewer window size:** When viewing help, you can maximize the viewer or resize it to suit your liking. The buttons for changing the window size are located in the upper-right corner. See **Table 1** below for more details.

**Table 1. To resize the HTML Help Viewer**

To:	Do this:
To minimize the window	Click <b>Minimize</b>  to shrink the viewer so it is displayed in the button bar on the bottom of the Windows Desktop. Right-click this button and select <b>Restore</b> to display the viewer.
To maximize the window	Click <b>Maximize</b>  to maximize the window so it occupies the entire desktop area.
To restore the viewer to its default size	Click <b>Restore</b>  to restore the viewer to its default size.
To manually resize the viewer	Place the pointer over the edge of the viewer so it turns into a line with arrows on each end  . Press the left mouse button and drag up, down, left or right. The viewer is resized after you release the mouse button.

## Left-hand tabs

You can open or close the left-hand tabs, depending on how you like to work. When you close the tabs, the right-hand pane is maximized so you can see as much topic content as the size of the HTML Help viewer allows. See **Table 2** for more details.

**Table 2. To open and close the left-hand tabs**

To:	Do this:
To close the left-hand tabs from view.	Click <b>Hide</b>  
To open the left-hand tabs.	Click <b>Show</b>  

## Navigation

Just like a browser, the HTML Help viewer includes **Back** and **Forward** buttons for navigating. See **Table 3** for more details.

**Table 3. To use the navigation buttons**

To:	Do this:	
To return to the previously viewed topic.	Click <b>Back</b>	 Back
Go to the topic that was displayed prior to going back.	Click <b>Forward</b>	 Forward

### Options menu

The Options button opens a menu with selections for hiding the left-hand tabs, going back and forward, stopping a topic or Web page from loading, refreshing the information displayed in the window, printing, and turning search highlighting on or off. You can also access Internet options from this menu.

## Using the Left-Hand Tabs

The JANUS Engineering online help includes the following left-hand tabs:

### Contents

The Contents tab displays books and pages that represent the categories of information in the online help system. When you click a closed book, it opens to display its content (sub-books and pages). When you click an open book, it closes. When you click pages, you select topics to view in the right-hand pane of the Help viewer.

### Index

The Index tab displays a multi-level list of keywords and keyword phrases. These terms are associated with topics in the help system and they are intended to direct you to specific topics according to your way of working. Keywords are cross-referenced with synonyms to provide multiple ways to locate information. To open a topic in the right-hand pane associated with a keyword, select the keyword and then click **Display**. If the keyword is used with more than one topic, a Topics Found dialog opens so you can select a specific topic to view.

### Search

The Search tab enables you to search for words in the help system and locate topics containing those words. Full-text searching looks through every word in the online help to find matches. There are also options to search previous results, find similar words and search only topic titles. When the search is completed, a list of topics is displayed so you can select a specific topic to view.

## Glossary

The Glossary tab displays a glossary similar to one you'd find in a printed publication. It provides a list of words and short phrases, and their definitions, related to JANUS Engineering. When you select a term from the list, its corresponding definition is displayed in the lower pane.

## Navigating Topics

Topics in the help system include a variety of navigation components including the following.

### Related Topics buttons

When you click a Related Topics button, a popup menu opens. It displays a list of topics you can go to. The topics are relevant to what you are currently reading in the right-hand pane or they cross-reference related information that you can go to. Click a topic from the popup and it opens in the right-hand pane.

### Drop-down hotspots

Many topics include drop-down hotspots. This is clickable text that displays more information in a drop-down list. You'll often find drop-down hotspots in topics where a series of steps is involved. These drop-downs provide a quick way for you to get information about doing tasks without having to do a lot of scrolling. You only need to click the hotspots you want to read. To close the text, click the hotspot again.

### Expanding hotspots

Some topics include expanding hotspots. This kind of hotspot is a text link that displays information immediately following the text. You only have to click the hotspots you want more information about. To close the text, click the hotspot again.

### Text-only popups

Many topics use text-only popups. This kind of link is text that displays a popup window when clicked. The popup window displays brief information about a term or concept relevant to the topic you're currently reading. When you finish viewing the information, you click inside the popup window to close it.

### Links to popup windows

When you click some links, the destination topic opens in a popup window inside the same window you have open. It's like having two windows in one, only the focus is on the information in the popup window. When you finish reading the information in the popup window, you can close it from view or navigate to any of its links.

### Browse sequences

The HTML Help viewer includes special navigation for using browse sequences. They are intended to guide you through a series of topics. The viewer includes a browse sequence bar and browse sequences navigation buttons for browsing topics. For a sample of browse sequences, select the browse buttons in the HTML Help viewer when the help system is open.

### Tips for Printing

While using the online help system, you can print topics and information right from the HTML Help viewer. The available print options are determined by the version of Internet Explorer and Microsoft HTML Help Workshop installed on your system.

To print a single topic:

1. Click **Print**.
2. Select **Print the selected topic** and click **OK**.

To print all topics in a selected book:

1. Click **Print**.
2. Select **Print the selected heading and all subtopics** and click **OK**.



If topics include expanding or drop-down hotspots, click the hotspots to display the information before you print.

---

### Using Browse Sequences

The online help system includes a way to navigate with browse sequences. They are intended to guide you through a series of topics.

The HTML Help viewer includes browse sequence buttons for topic navigation.

1. To go to the next topic, click **Next**.



2. To go to the previous topic, click **Previous**.



The HTML Help viewer also includes a drop-down list of browse sequences and a browse sequence bar with small icons that represent the topics used with each browse sequence. You can also use this list or browse sequence bar to navigate topics.

## Using Full-Text Searches

A basic search consists of the word or phrase you want to find. You can use similar word matches, a previous results list, or topic titles to further define your search.

1. Click the **Search** tab, and type the word or phrase you want to find.

**Table 4. Full-text search options**

To:	Do this:
Search only topic titles.	Select <b>Search titles only</b> .
Find words similar to your search term.	Select <b>Match similar words</b> .
Narrow your search.	Select Search previous results.
Highlight all instances of search terms that are found in topic files.	Click <b>Options</b> and select <b>Search Highlight On</b> .

2. Click to add boolean operators to your search. (Find out more about Boolean operators in Advanced searching techniques.)
3. Click **List Topics**, select the topic you want, and then click **Display**.
4. To sort the topic list, click the **Title**, **Location**, or **Rank** column

## Basic rules for full-text searches

The basic rules for formulating queries are:

- Searches are not case-sensitive, so you can type your search in uppercase or lowercase characters.
- You may search for any combination of letters (a-z) and numbers (0-9).
- Punctuation marks such as the period, colon, semicolon, comma, and hyphen are ignored during a search.
- Group the elements of your search using double quotes or parentheses to set apart each element. You cannot search for quotation marks.



If you are searching for a file name with an extension, you should group the entire string in double quotes. Otherwise, the period will break the file name into two separate terms. The default operation between terms is AND, so you will create the logical equivalent to "filename AND ext."

### Advanced Searching Techniques

When using the full-text search feature in the JANUS Engineering online help, the following techniques can help you narrow your searches for more precise results.

#### Wildcard expressions

You can search for words or phrases using wildcard expressions. Wildcard expressions allow you to search for one or more characters using a question mark or asterisk. The table below describes the results of these different kinds of searches.

**Table 5. Search examples**

Search for	Example	Result
A single word	sail	Topics that contain the word <b>sail</b> . (You will also find its grammatical variations, such as <b>sailor</b> and <b>sailing</b> .)
A phrase	"scuba dive", or scuba dive	Topics that contain the literal phrase <b>scuba dive</b> and all its grammatical variations.  Without the quotation marks, the query is equivalent to specifying <b>scuba AND dive</b> , which will find topics containing both of the individual words, instead of the phrase.
Wildcard expression	water* or 90?10	Topics that contain the terms <b>WATER</b> , <b>waterfall</b> , <b>waterproof</b> , and so on. The asterisk cannot be the only character in the term.  Topics that contain the terms <b>90110</b> , <b>90210</b> , <b>90310</b> , and so on. The question mark cannot be the only character in the term.

#### Boolean operators

The **AND**, **OR**, **NOT**, and **NEAR** operators enable you to precisely define your search by creating a relationship between search terms. The following table shows how you can use each of these operators. If no operator is specified, AND is used. For example, the query water ski boat is equivalent to water AND ski **AND** boat.

Table 6. Using boolean operators in a search

Search for	Example	Result
Both terms in the same topic.	wave AND sand	Topics containing both the words <b>wave</b> and <b>sand</b> .
Either term in a topic.	boat OR catamaran	Topics containing either the word <b>boat</b> or the word <b>catamaran</b> or both.
The first term without the second term.	water NOT lake	Topics containing the word <b>water</b> , but not the word <b>lake</b> .
Both terms in the same topic, close together.	swim NEAR ocean	Topics containing the word <b>swim</b> within eight words of the word <b>ocean</b> .



The |, &, and ! characters don't work as boolean operators (you must use OR, AND, and NOT).

---

## Nested expressions

Nested expressions allow you to create complex searches for information. For example, **oceanAND ((swimOR surf) NEAR Malibu)** finds topics containing the word **ocean** along with the words **swim** and **Malibu** close together, or containing **ocean** along with the words **surf** and **Malibu** close together.

The basic rules for searching help topics using nested expressions are as follows:

You can use parentheses to nest expressions within a query. The expressions in parentheses are evaluated before the rest of the query.

If a query does not contain a nested expression, it is evaluated from left to right. For example: **scuba NOT Florida OR Bahamas** finds topics containing the word **scuba** without the word **Florida**, or topics containing the word **Bahamas**. On the other hand, **scuba NOT (Florida OR Bahamas)** finds topics containing the word **scuba** without either of the words **Florida** or **Bahamas**.

You cannot nest expressions more than five levels deep.

# Using JANUS Engineering

## Starting JANUS Engineering

1. Ensure that JANUS Comms is running.
2. On the Windows desktop click on **Start • Programs • JANUS for Windows • JANUS Engineering**.
3. There is a delay while the program is loaded from the computer's disk and then the Logon dialog is displayed as shown in **Figure 1**.



Figure 1. JANUS Engineering Logon dialog

4. If JANUS Comms is not running the following message is displayed:



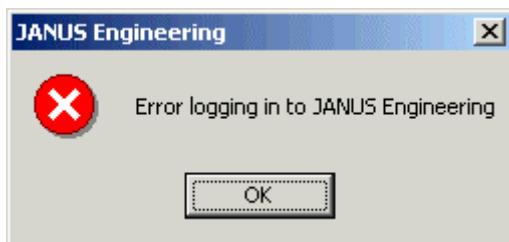
Figure 2. Failure to contact comms message

5. Click **OK** and ensure that JANUS Comms is running.
6. In the logon screen enter a valid User ID.
7. Enter a valid Password.



Both the **User ID** and **Password** must exist within the JANUS for Windows system. The default for both is **JANUS**.

8. Click on the **OK** button.
9. If the User ID and Password are valid, JANUS Engineering will open. You are now ready to start using the JANUS Engineering program.
10. If an incorrect User ID or Password is entered, an error message like the one below will be displayed.



**Figure 3. Logon error message**

11. Click **OK** and repeat steps **6** to **8**.
12. If an error message like the one below is displayed, contact your local JANUS for Windows Administrator for a valid User ID and password.



**Figure 4. Inappropriate rights message**

13. If communication between JANUS Engineering and JANUS Comms is lost *after* the user has logged on, the following message will be displayed.

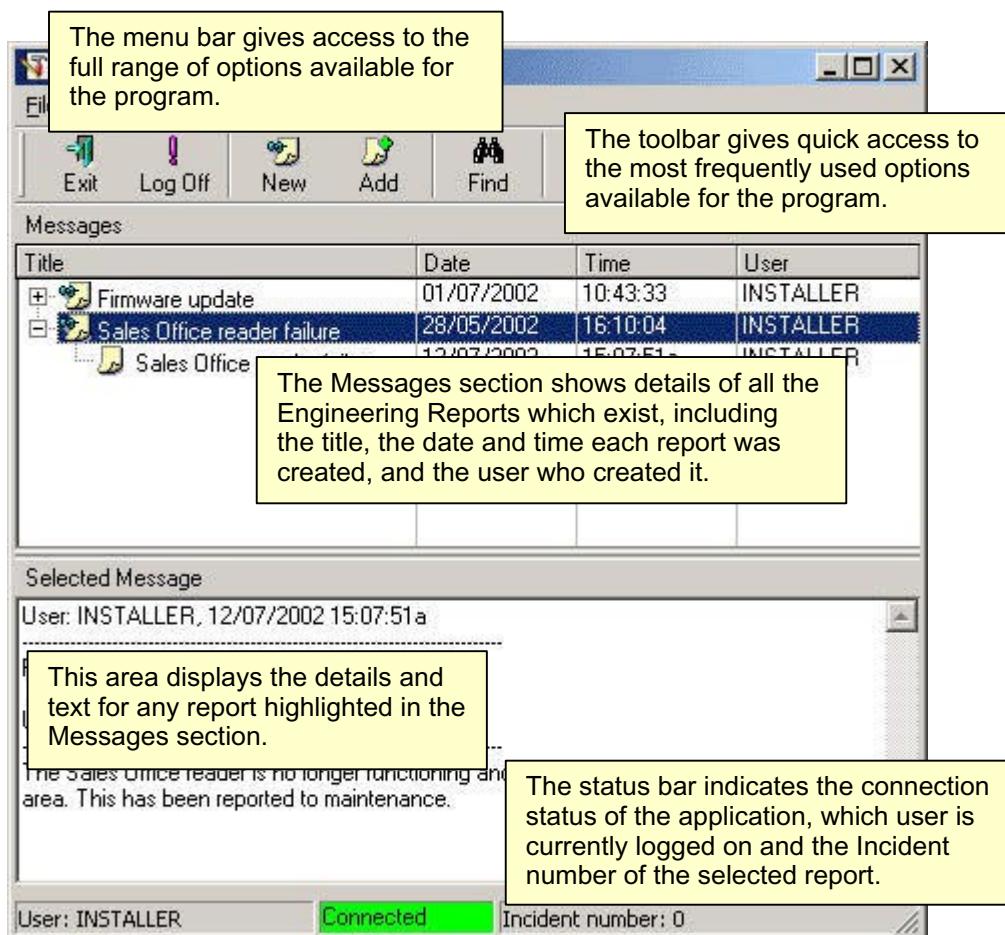


**Figure 5. Message displayed when connection to comms is lost**

15. Clicking **OK** will terminate the application.
16. Repeat steps **1** to **8** to re-start JANUS Engineering.

### The Main Window

The JANUS Engineering main window, as shown in **Figure 5**, consists of: a Menu bar, a Toolbar, Messages and Selected Messages sections and a Status Bar.



**Figure 6. The main window**

### Menus

The menus allow access to the options available for the JANUS Engineering program.

When a user logs on to the JANUS Engineering program, four menu options are available. These are described in **Tables 7 - 10**.

**Table 7. File menu options**

Option	Keystroke	Description
New...	Ctrl + N	Allows a user to add a new engineering report.
Log Off...	n/a	Logs the user out of JANUS Engineering, leaving it in a secure state, ready for another user to log on.
Exit	n/a	Selecting this option will shut down the JANUS Engineering program.

**Table 8. Edit menu options**

Option	Keystroke	Description
Add...	Ctrl + A	Allows the user to add an update to the selected report.
Find...	Ctrl + F	This option may be used to search for specific text either in the message title, or in the main body of the message itself.
Search Again	F3	Allows the user to search for the next instance of text already specified in the Find option as described above.
Show Latest Message	Ctrl + L	The user can click on this to highlight the most recent report in the Messages section of the main window.

**Table 9. Tools menu options**

Option	Keystroke	Description
Options	Ctrl + O	This allows the user to alter general application options. For example, the user may select to have a sound played each time a new message is received.

**Table 10. Help menu options**

Option	Description
Contents...	Online Help connects you to an overview or a procedural topic when you choose a topic from the table of contents or index. You can also search for a topic using keywords that describe a feature or task.
Show Index...	Opens the help viewer with the Index on display.
About...	This provides the user with version information for the JANUS Engineering software.

### Toolbar

The toolbar allows access to the most commonly used menu options in the JANUS Engineering program.

The JANUS Engineering toolbar is described in **Table 11** below.

**Table 11. Toolbar buttons**

Button	Description
 Exit	Click on this to quit the application.
 Log Off	Click on this to log off from JANUS Engineering. This leaves the application in a secure state ready for another user to log on.
 New	Allows a user to create a new engineering report.
 Add	Click on this to add an update to an existing report.
 Find	Use this option to search for specific text strings in both the titles and main text of reports.
 Help	Connects to an overview or a procedural topic where you choose a topic from the table of contents or index. You can also search for a topic using keywords that describe a feature or task.

### Changing the application options

1. In the main JANUS Engineering window select **Tools - Options...**, or type **Ctrl + O**. The Options dialog opens as shown below.



Figure 7. Options dialog

2. By default, the only option selected is **Automatically select latest message**.
3. Change the options as required by clicking the in checkboxes. Click here to see a description of each option.

Table 12. Application options

Option	Description
Keep window on top	When selected, this keeps the JANUS Engineering main window on top of any other open windows on the PC screen, even if the user clicks on another window.
Automatically select latest message	When a new report, or an update to a report is added, it is highlighted in the Messages section of the main window when this option is selected. However, if this option is not selected, then new reports and updates are added to the list, but the last message selected by the user remains highlighted.
Play a sound when message is received	Selecting this option provides notification in the form of a beep every time an engineering report is added, or updated.

4. Click **OK** to save changes to the options and return to the main window.
5. Click **Cancel** to leave the options unchanged.

### Logging off and exiting from JANUS Engineering

#### Log Off

A user will do this when they want to stop using the JANUS Engineering program, but wish leave it running in a secure state to allow other users to log on.

- Select **File · Log Off**, or click on the **Log Off** button on the toolbar. The user is immediately logged off and the Logon dialog is displayed.

#### Exit

1. To quit the JANUS Engineering program, select **File · Exit**, or click on the **Exit** button on the toolbar. The user will be asked to confirm this command before the application closes.

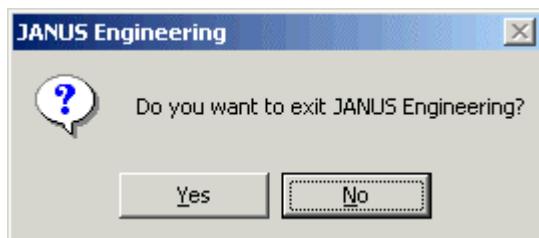


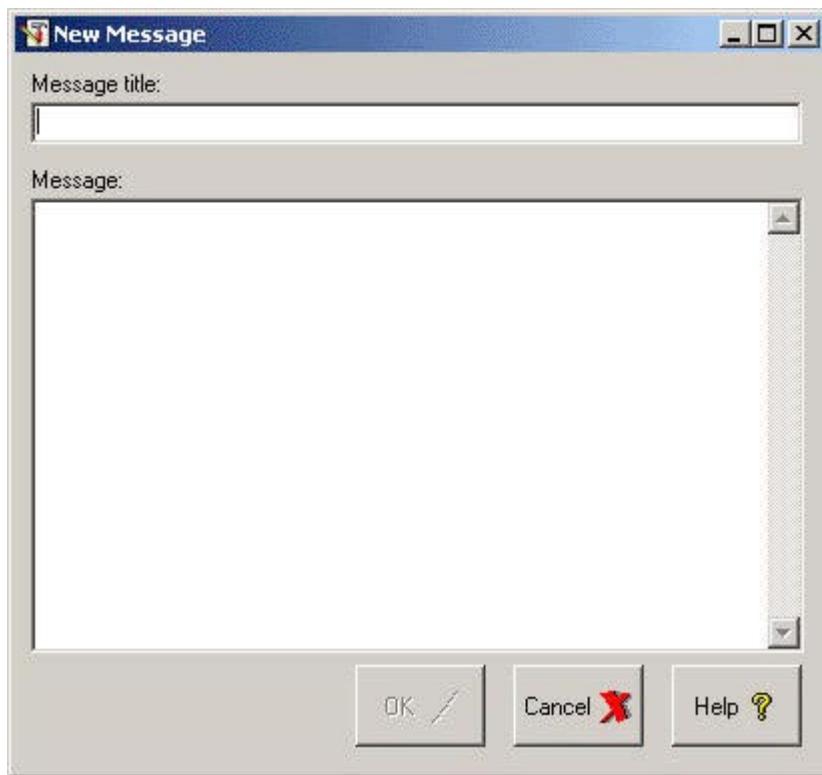
Figure 8. End application confirmation message

2. Click **Yes** to quit the application.
3. Click **No** to return to the main window.

# Creating and updating engineering reports

## Creating a new engineering report

1. Select **Edit · New...**, or click on the **New** button on the toolbar, or select **Ctrl + N**. The New Message dialog opens as shown below.



**Figure 9. New message dialog**

2. Enter the required text in the **Message title** field. This can be up to a maximum of **30** characters in length.
3. Enter the required text in the **Message** box. This can be a maximum of **32,000** characters in length.
4. Click **OK** to save the report and return to the main window. The report will now appear at the top of the **Messages** section of the main window, with the message details and text displayed in the **Selected Message** section and the **Incident number** displayed in the **Status Bar**.
  - Clicking **Cancel** will close the window without saving the report.



A report must contain text before it can be saved.

### Updating an engineering report

- With a report highlighted in the **Messages** section of the main window, select **Edit · Add...**, or click on the **Add** button on the toolbar, or press **Ctrl + A**. The Add Message dialog opens as shown below.



Figure 10. Add message dialog

- Enter the required text in the **Message** field. This can be up to a maximum of **32,000** characters in length.
- Click **OK** to save the update and return to the main window. Or, Click **Cancel** to close the dialog without saving the changes.



The message title *cannot* be changed.

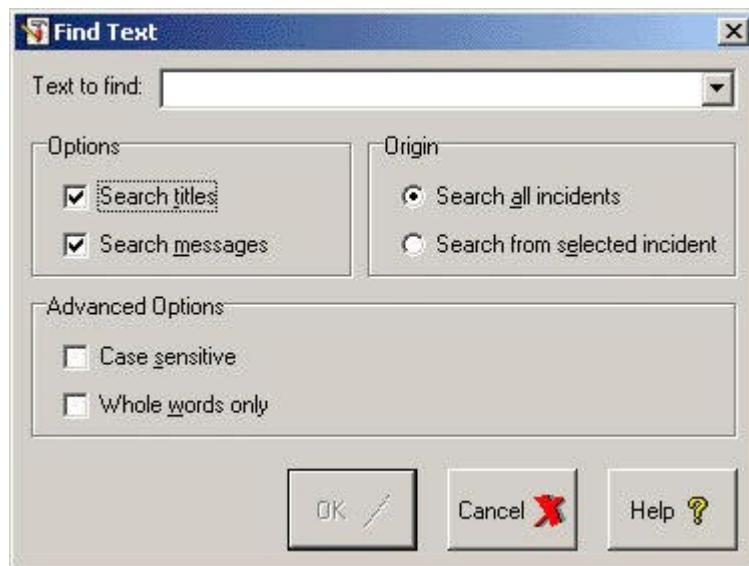
- 
- The new message is displayed under the original engineering report in the **Messages** section of the main window.

# Search Options

## Searching for specific text

A user may search for specific text either in the message title, or in the main body of the message itself.

1. Select **Edit · Find...**, or click on the **Find** button in the toolbar, or press **Ctrl + F**. The Find dialog opens as shown below.



**Figure 11. Find dialog**

2. Type in the text to be found. This can be a maximum of **1000** characters in length.
  - Alternatively, clicking on the arrow will show the last eight text strings used for searches. Click on one of these to select it.
3. Choose the required search **Options**. By default, both of these options are selected.
  - **Search titles** allows the user to limit the search for the text specified in the field above to the message titles only.
  - **Search messages** allows the user to limit the search for the text specified above to the body of the message only.
4. Choose the **Origin** of the search. Clicking on one of these options will automatically de-select the other.
  - **Search all incidents** will look through every report for the selected text string.
  - **Search from selected incident** will search through the report selected in the Messages section of the main window and all the older reports that exist.

## Using JANUS Engineering

5. The **Advanced Options** may be used if required.
  - **Case sensitive** will match the text in the message title or body only if it is exactly the same as that entered in the **Text to find** field. For example, *Fire Alarm* is not the same as *fire alarm*.
  - **Whole words only**, when de-selected, allows the user to find the desired word, even if it is part of a larger word. If selected, this option only looks for the word as a stand-alone item.
6. Click **OK** to start the search, or click **Cancel** to abandon the search and return to the main window.



The **OK** button will only be enabled if the **Text to find** field contains a text string AND one of the **Search Options** is selected.

7. The engineering report containing the search text is highlighted in the Messages section of the main window.
8. To search for more occurrences of the same text select **Edit · Search again** from the menu options, or press **F3**.
9. The next engineering report containing that text is highlighted. Repeat step 8 until the following message is displayed.



Figure 12. Search complete message

10. Click **OK** to return to the main window.
11. Repeat steps 1 to 6 for each search required.
12. In those instances where the specified text cannot be found, then the following message will appear. Click **OK** to return to the main window.



Figure 13. Text not found message

### Finding the most recent engineering report

While all new engineering reports are displayed at the top of the Messages section of the main window, updates added to existing reports are located under the original report. There are two options which may be used to highlight the most recent report, these are described below.

#### Automatically select latest message

This is available from the **Options** menu. When selected, the most recent report will always be highlighted in the Messages section of the main window.

1. Select **Tools · Options...**, or press **Ctrl + O**. The Options dialog opens as shown below.



Figure 14. Options dialog

2. Click in the checkbox next to **Automatically select latest message**.
3. Click on **OK** to save the change, or click **Cancel** to close the dialog without making any changes.
4. The latest message will now always be highlighted in the **Messages** section of the main window.

#### Show Latest Message

This option can be chosen if the **Automatically select latest message** option is not being used.

1. Select **Edit · Show Latest Message**, or press **Ctrl + L**.
2. The most recent message is highlighted in the **Messages** section of the main window.



This option is only available for messages that have been added during the *current JANUS Engineering session*.

# Appendix A– Dialog Descriptions

## Add Message dialog

This dialog is used to add updates to existing engineering reports. It is split into two main sections, details of which are given below.

### Message Title

- This displays the title of the original engineering report.
- The title *cannot* be edited.

### Message

- This section is used to add new text to the engineering report.
- A maximum of **32,000** characters can be added.
- Clicking **OK** will save the edited report and return the user to the main window.
- Clicking **Cancel** will return the user to the main window without saving the update.



The **OK** button will only be enabled after text has been entered for the message.

---

## Find dialog

This dialog is used to find text in existing engineering reports. It is split into four main sections, details of which are given below.

### Text to find

- Type in the text to be found. This can be a maximum of **1000** characters in length.
- Clicking on the arrow will show the last eight text strings used for searches. Click on one of these to select it.

### Options

**Search titles** - Allows the user to limit the search for the text specified in the field above to the message titles only.

**Search messages** - Allows the user to limit the search for the text specified above to the body of the message only.

By default, both of these options are selected.

- To de-select an option click in the box. The tick will be removed.
- To re-select an option, click in the empty box. A tick will appear.

## Origin

**Search all incidents** - This will look through every report for the selected text string.

**Search from selected incident** - This will search through the report selected in the Messages section of the main window and all the older reports that exist.

- Clicking on one of these options will automatically de-select the other.

## Advanced Options

By default, both of these options are de-selected.

**Case sensitive** - This will match the text in the message title or body only if it is exactly the same as that entered in the **Text to find field**. For example, *Fire Alarm* is not the same as *fire alarm*.

**Whole words only** - When de-selected, this option allows the user to find the desired word, even if it is part of a larger word. If selected, this option only looks for the word as a stand-alone item.



The **OK** button will only be enabled if the **Text to find** field contains a text string AND one of the **Search Options** is selected.

---

## Logon dialog

- This dialog will appear if the user starts the JANUS Engineering program, or clicks the **Log Off** button while JANUS Engineering is already running.
- The user must enter a User ID and Password that are valid on the JANUS for Windows system.
- Clicking the **OK** button will submit the relevant logon details. If these are accepted the user will be returned to the main window, where the menu options and toolbar will be enabled.

### Main dialog

The main JANUS Engineering window is made up of five main sections. These are described below.

### Menus

The menu bar gives access to the full range of options available for the application. See **Menu options** for more details.

- **File** - Allows a user to log off and exit the application.
- **Edit** - This menu provides the options to create, update and search reports.
- **Tools**- The user can alter the program options.
- **Help** - Use the help to find out about general topics, or individual fields and buttons within the application.

### Toolbar

The toolbar allows access to the most commonly used menu options in the JANUS Engineering program. See the **Toolbar** section for more details.

### Messages

This section displays all of the engineering reports which exist in the JANUS for Windows system. These are listed in chronological order, with the most recent displayed at the top. The details provided for each message include:

- The message **Title**
- Creation **Date and Time**
- The **User** who created the message

Clicking anywhere within the message details will select that message. It will become highlighted and the message text will be displayed in the **Selected Message** section described below.

A **+** next to the message title indicates that at least one update for this message exists. Clicking on the **+** sign, or double clicking on the message title will display all updates beneath the original message. These are listed in chronological order with the most recent at the top.

A message must be selected before an update can be added to it.

## Selected Message

When a message or one of its updates is selected in the section above, then the details of that message, including the text associated with it and all updates are displayed here.

If an update is selected, only the details and text for that update are displayed. This text cannot be edited or deleted.

## Status Bar

This section displays the current connection status of the program, the user currently logged on and the **Incident number** of the selected report.

## New Message dialog

This dialog is used to create a new report. It is split into two main sections, details are given below.

### Message Title

Use this field to enter the required title text. This can be up to a maximum of **30** characters in length.

### Message

This section is used to add the text for the engineering report. A maximum of **32,000** characters can be added.

- Clicking **OK** will save the report and return the user to the main window.
- Clicking **Cancel** will return the user to the main window without saving the report.

## Options dialog

This dialog is displayed when the user selects Options from the Tools menu, or types Ctrl + O.

### Keep window on top

- When selected, this keeps the JANUS Engineering main window on top of any other open windows on the PC screen, even if the user clicks on another window.
- By default this option is de-selected. Click in the checkbox to select it.



The user still has the ability to minimise, maximise and close other non-JANUS Engineering windows when this option is selected.

---

### **Automatically select latest message**

- When a new engineering report, or an update to a report is added, it is highlighted in the Messages section of the main window when this option is selected. However, if this option is not selected, then new reports and updates are added to the list, but the last message selected by the user remains highlighted.
- By default this option is selected. Click in the checkbox to de-select it.

### **Play a sound when message is received**

- Selecting this option provides notification in the form of a beep every time an engineering report is added, or updated.
- By default this option is de-selected. Click in the checkbox to select it.

Clicking **OK** will save changes to the options and return the user to the main window.

Clicking **Cancel** leaves the options unchanged.



# Glossary

**Access control** - Access Control provides the ability to control, monitor and restrict the movement of people, assets or vehicles in, out and around a building or site.

**Archive** - Moving the original data and storing it elsewhere in a form which allows its subsequent retrieval.

**Backup** - Making a copy of data whilst leaving the original untouched.

**Boolean logic** - Boolean logic is a technique using the terms AND, OR, NOT. It is used in advanced full-text searching to narrow down what users are trying to find.

**Box** - In JANUS for Windows terminology a box is the generic term used to describe an Intelligent Door Controller or an Intelligent Peripheral Controller.

**Card** - This term is used to cover a variety of devices which contain an encoded number as an identifier. A card is allocated to a cardholder within the JANUS for Windows system and when presented to a reader will grant the cardholder access through the door depending on which access rights are assigned to the cardholder.

**Cardholder** - An individual defined within a JANUS for Windows system who is assigned to an access group which confers access rights.

**Comms** - The way the computer 'talks' to the access control system. By this means it downloads the database, or selected parts of it to the access control boxes, and receives messages from them.

**Cursor** - You can only type text in a field if it contains the cursor. The cursor is a flashing vertical bar which shows where text will appear when it is typed. Click the mouse on a field to move the cursor to that field.

**Database** - A store of information on the computer. The information defines cards, access choices, doors, etc., and so determines how the access control system operates. The database is edited and saved using the JANUS Database program.

**Field** - A place in a record where you enter information. For example, an archive name.

**History Data** - The history data is a log of all of the events that have happened in a JANUS for Windows system for any specific day. This information is contained in the JANUS History Database where it can be archived and used to run reports.

**JANUS Activator dongle** - A physical software license.

**JANUS Comms** - The main program used by JANUS to communicate with between elements of

# **JANUS Engineering User Manual**

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the system, including doors, readers and other JANUS programs.

**JANUS Database Program** - Part of the JANUS for Windows suite of applications, this program is used to edit card and user records.

**JANUS for Windows** - JANUS for Windows is an on-line access control system with software options from 2 doors up to 1000+. JANUS provides access control, graphical alarm monitoring, video imaging, card production, asset protection, plant control and integration with safety and building management systems such as intruder, fire, CCTV, T&A, cashless vending and building management.

**JANUS Report Screen**- The scrolling alarm screen used by JANUS to report activity on the system to the operator.

**JANUS Reporting** - This is an add-on module to JANUS for Windows and is used to generate customised on-screen reports. These reports are generated from the JANUS for Windows database and archived history and operator activity data.

**JANUS User** - An individual with logon authorisation to the JANUS for Windows system resources. Depending on the logon level, a JANUS User can configure the system hardware, add and edit cards, run reports, and monitor the system.

**Log off** - Do this when you want to stop using a JANUS for Windows program. This leaves the program running in a secure state.

**Log on** - Typing in your JANUS user ID and password so that you can use the JANUS for Windows applications.

**Main PC** – The term for the computer used to run JANUS Comms and administer the JANUS for Windows access control system.

**Message** - This is the term used to describe an engineering log created by the user.

**Mouse** - This is a pointing device which must be attached to the computer in order to use the JANUS programs. It is used to point at various parts of the screen and to select options. Always use the left mouse button unless specifically told otherwise.

**Operator Activity Data** - The Operator Activity information is a log of all the user changes to a JANUS for Windows system, or responses to JANUS alarms etc. This information is maintained in the JANUS System Database, where it can be archived and used to run reports.

**Password** - A security measure used to restrict access to the JANUS for Windows system and resources. This is a unique string of characters that must be provided before a User ID is authorised.

**Report** - A report is a listing of information, either on screen, or on paper. The type of information displayed is dependant on the query used to interrogate either the JANUS History database, or the JANUS System database.

**Reporting destination** - At the most basic level, a reporting destination is a combination of a reporting group and a reporting device. This sends a system message for a piece of hardware to a particular device. Including a time zone and a system mode in a destination will allow a message to be sent only at a specific time.

**Slave PC** - This is normally used for monitoring and reporting purposes within a JANUS for Windows system e.g. as a guard workstation.

**Update** - This is the term used to describe additional information added to an existing engineering log.

**User ID** - This defines the logon level of a JANUS User and so determines the degree of access to the JANUS for Windows system resources. It is used in conjunction with a password.

**Wildcard expression** - A technique using characters such as asterisks (\*) and question marks (?) to represent any characters (\*) or character (?). It is used in advanced full-text searching to narrow down what users are trying to find.

**Window** - The JANUS programs run under Microsoft Windows, which means that information is displayed on the screen in various windows. Many windows can be open at the same time. The active window is the one whose border and title bar are brighter than the others.



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